

FIG. 3, in test 530, change the text from "COUPON DATE_P(J)=DATE_P(I)?" to --DOES COUPON DATE MATCH A MATURITY DATE--.

FIG. 3, delete the arrow connecting test 530 and block 550, and connect the arrow from block 540 directly to block 550.

FIG. 3, add a block 535 near the lower left of test 530 that is labeled --CALCULATE COUPON SPOT RATE--, add an arrow coming out of the left side of test 530 that is going into the top of block 535 and that is labeled --YES--, and add an arrow coming out of the bottom of block 535 that is going into the left side of block 550.

FIG. 4, in block 610, change "A(1,N)" to --A(I,N)--.

FIG. 4, in test 620, change "A(1,N)=P(1,N-1)" to --A(I,N)=P(I,N-1)--.

FIG. 4, in block 630, change "U(1,N)=A(1,N)" to --U(I,N)=A(I,N)--.

FIG. 4, in block 670, change "rU(1,N)" to --rU(I,N)--.

FIG. 5, in block 720, change "P(1,N)" to --P(I,N)--.

FIG. 5, in block 730, change "P(1,N)" to --P(I,N)--.

FIG. 5, in block 790, change "rF(K,J)- rP(1,N)" to --rF(K,J)=rP(I,N)--.

FIG. 5, in block 880, change "YTM" to --YTM_F--.

FIG. 5, delete reference numeral "890".

FIG. 6, in block 900, change "PRICES" to --BIDS--.

FIG. 6, in block 910, change "SPEED PROCESSORS" to --COLLATE AND FORMAT--.

In The Claims

Please cancel ~~claims 1-16~~ without prejudice.

Please add new ~~claims~~ 17-31 as follows:

17. (New) A method of determining an index value associated with a portfolio, including at least one security, from market data for other securities, comprising:

calculating a value for each of the other securities from market data that is indicative of market conditions for the other securities in a market for the other securities; and

calculating the index value associated with the portfolio that includes the at least one security using each value for the other securities.

18. (New) The method of claim 17, further comprising determining whether the market data for the other securities qualifies to be used for determining the index value.

19. (New) The method of claim 18, wherein determining whether the market data for the other securities qualifies to be used for determining the index value comprises determining whether a spread for the other securities exceeds a maximum spread.

20. (New) The method of claim 18, wherein determining whether the market data for the other securities qualifies to be used for determining the index value comprises comparing pricing data of different securities corresponding to the market data.

21. (New) The method of claim 17, wherein calculating the value for each of the other securities based on the market data comprises calculating a spot rate for each of the other securities.

22. (New) The method of claim 21, wherein calculating the spot rate for each of the other securities comprises calculating a spot rate for a coupon associated with one of the other securities.

23. (New) The method of claim 21, wherein calculating the spot rate for the coupon comprises interpolating the spot rate for the coupon from a spot rate for another of the other securities.

24. (New) The method of claim 17, further comprising updating the value for one of the other securities using more recent market data for the one of the other securities.

25. (New) The method of claim 24, wherein the value for the one of the other securities is updated in substantially real time.

26. (New) The method of claim 17, further comprising updating the value for the one of the other securities using more recent market data for another of the securities.

27. (New) The method of claim 17, wherein calculating the index value using each value for the other securities comprises determining a net present value of the at least one security.

28. (New) The method of claim 17, wherein calculating the index value using each value for the other securities comprises determining a net present value of a coupon associated with the at least one security.

29. (New) The method of claim 17, wherein calculating the index value comprises calculating a price for the portfolio.

30. (New) The method of claim 17, wherein calculating the index value comprises calculating a yield for the portfolio.

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